

What is claimed is:

1. A dynamic image composition apparatus for
combining and plotting one or more images,
5 comprising:

a plurality of plot information generating
devices generating plot information used to plot
a dynamic image;

10 an image management device managing image data
of each image and generating plot information at
a present time of each image by combining one or
more pieces of information generated by one or more
of the plurality of the plot information generating
devices; and

15 a plotting device receiving the image data and
the plot information at the present time from the
image management device and plotting the image data
based on the plot information at the present time.

20 2. The dynamic image composition apparatus
according to claim 1, wherein

said plot information generating device
generates absolute plot information.

25 3. The dynamic image composition apparatus

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according to claim 1, wherein

said plot information generating device generates a difference of plot information between a previous time and the present time.

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4. The dynamic image composition apparatus according to claim 1, further comprising

a plot information function management device storing one or more plot information functions, wherein

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at least one of said plurality of said plot information generating devices store identification information for referring to a plot information function and calculates the plot information using the plot information function corresponding to the identification information.

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5. The dynamic image composition apparatus according to claim 1, further comprising

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a plot information string management device storing one or more plot information strings including discrete plot information, wherein

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at least one of said plurality of said plot information generating devices store

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an image management device provided for each
5 image, for including a plurality of sequentially
ordered plot information generating devices for
generating plot information used to plot a dynamic
image, a first plot information generating device
updating plot information at a previous time and
10 passing the plot information to a subsequent plot
information generating device, an intermediate plot
information generating device updating plot
information provided by a preceding plot information
generating device and passing the plot information
15 to a subsequent plot information generating device,
and a last plot information generating device
updating plot information provided by a preceding
plot information generating device and generating
plot information at a present time; and
20 a plotting device for receiving the plot
information at the present time from the image
management device and plotting a corresponding image
based on the plot information at the present time.

25 10. The dynamic image composition apparatus

according to claim 9, wherein

each plot information generating device generates a difference of plot information between the previous time and the present time, adds the
5 difference to inputted plot information and updates the inputted plot information.

11. A dynamic image composition apparatus for combining and plotting one or more images,
10 comprising:

an image management device provided for each image, for including a plurality of plot information generating devices for generating a difference of plot information used to plot a dynamic image between
15 a previous time and a present time and device for generating plot information at the present time using a sum of differences generated by the plurality of the plot information generating devices; and

plotting device for receiving the plot
20 information at the present time from the image management device and plotting a corresponding image based on the plot information at the present time.

12. A dynamic image composition apparatus for
25 combining and plotting one or more images,

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a plurality of plot information generating devices for generating information about a plot position in correspondence with a movement element which generates a movement of a dynamic image on a screen;

a plotting device for receiving the image data and the information about the plot position at the present time from the image management device and plotting image data based on the information about the plot position at the present time.

generating a plurality of pieces of plot information used to plot an image, for each image;

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    generating plot information at a present time
25  of each image by combining the plurality of pieces

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of plot information ; and

plotting each image based on the plot information at the present time.

- 5 14. A computer-readable storage medium on which is recorded a program for enabling a computer to execute a process, the process comprising:

generating plot information at a present time by updating plot information used to plot an image
10 at a previous time for each image by a plurality of sequentially ordered plot information generating processes; and

plotting each image based on the plot information at the present time.

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15. A computer-readable storage medium on which is recorded a program for enabling a computer to execute a process, the process comprising:

generating differences of a plurality of
20 pieces of plot information used to plot an image between a previous time and a present time, for each image;

generating plot information at the present time of each image using a sum of the differences
25 of the plurality of the pieces of the plot

plotting each image based on the plot information at the present time.

- 5 16. A dynamic image composition method for combining
and plotting one or more images, comprising:
generating a plurality of pieces of plot
information used to plot an image, for each image;
generating plot information at a present time
10 of each image by combining the plurality of pieces
of plot information; and
plotting each image based on the plot
information at the present time.
- 15 17. A dynamic image composition apparatus for
combining and plotting one or more images,
comprising:
a plurality of plot information generating
means for generating plot information used to plot
20 a dynamic image;
image management means for managing image data
of each image and generating plot information at
a present time of each image by combining one or
more pieces of information generated by one or more
25 of the plurality of the plot information generating

plotting means for receiving the image data
and the plot information at the present time from
the image management means and plotting the image
5 data based on the plot information at the present
time.

image management means provided for each image, for including a plurality of sequentially ordered plot information generating means for generating plot information used to plot a dynamic image, a first plot information generating means updating plot information at a previous time and passing the plot information to a subsequent plot information generating means, an intermediate plot information generating means updating plot information provided by a preceding plot information generating means and passing the plot information to a subsequent plot information generating means, and a last plot information generating means updating plot information provided by a preceding plot information generating means and generating plot

